

## ABSTRACT

*Ficus glumosa* is reputed for the treatment and management of various health conditions, including diarrhoea, dysentery, oedema, headache, stomach ailments and ulcers. Three phenolic acids (1–3), two coumarins (4 and 5), three flavonoid glycosides (6, 7a, 7b) and five triterpenoids (8–12) were isolated from the aerial parts of *F. glumosa*. Gastroprotective activity of the methanol soluble extract of the leaves was apparent at 200 mg kg<sup>-1</sup> with significant protection in ethanol, indomethacin and pylorus-induced experimental ulcer models. The extract was shown to be non-toxic at 2 g kg<sup>-1</sup>. Quercetin-3-O- $\beta$ -D-glucopyranoside (isoquercitrin) 7a, quercetin-3-O- $\beta$ -D-galactopyranoside 7b and p-hydroxybenzoic acid 1 isolated from the leaf extract probably play a role in the observed gastroprotective activity. The findings in this study validate the use of *F. glumosa* in the treatment of ulcers in African ethnomedicine.